USB Wall 120

Highly breathable membrane for walls
Riwega | eternitycomfort

Technical data sheet of 13/11/2019
Art. 02010090 / 3M 020100900
Rev.06 of 30/06/2021

Material	PP.PP.PP	CE EN 13859-2
Film	PP	
Colour	Grey	
Roll width	1,5 m 3,0 m	
Roll length	50 m	10 years guarantee
Roll weight	9 Kg 18 Kg	
Classification in accordance with ZVDH (DE)	UDB-C - USB-B	
Classification in accordance with Önorm B4119/B3661 (A	Typ I	
Available in TOP SK version	02020121	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	120 (±10g/m2)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,02
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	ca.1000
Water column	EN 20811	cm	> 200
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	260 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	155 (±30N/50mm)
Elongation MD*	EN 12311-1	%	60 (±15%)
Elongation CD*	EN 12311-1	%	70 (±15%)
Resistance to tearing MD*	EN 12310-1	N	105 (±15N)
Resistance to tearing CD*	EN 12310-1	N	140 (±15N)
Air permeability	EN 12114	m^3/m^2h	<0,009
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	3
Temperature resistance	-	°C	-40 / +100
Dimensional stability	EN 1107-2	%	-0,07 / -0,03
After artificial ageing			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	245 / 129
Elongation MD/CD*	EN 12311-1	%	41 / 50

Density	EN 1849-1	Kg/m^3	185
Thickness	EN 1849-2	mm	0,65
Vapour resistance coefficient [μ]	EN ISO 12572	-	31
Vapour permeability coefficient	-	Kg/m*s*Pa	6,2258*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

Riwega S.r.l. reserves the possibility to review or change these technical values. The updated technical data sheet can be found on the website www.riwega.com. This data sheet replaces the previous copy.